| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 108 | array with (photo$1diode photo$1transistor) with ("16" and "32") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/05 16:20 |
| S1 | 219 | 725/14.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:39 |
| S2 | 48 | 725/19.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/19 11:45 |
| S3 | 24 | 725/21.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:00 |
| S4 | 1303641 | light | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:00 |
| S5 | 52 | S1 and S4 | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:35 |
| S6 | 3 | S5 and S2 | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:40 |
| S7 | 10010 | LED near3 array | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:40 |
| S8 | 8827 | "725"/$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:40 |
| S9 | 7 | S7 and S8 | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:42 |
| S10 | 21837 | LED near3 display | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:42 |
| S11 | 228 | S10 and S8 | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:42 |
| S12 | 1050384 | sens$3 | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:43 |
| S13 | 91 | S11 and S12 | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:43 |
| S14 | 1033898 | sensor sensing senses sensed | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:44 |
| S15 | 88 | S14 and S11 | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:43 |
| S16 | 530653 | sensor | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:44 |
| S17 | 46 | S16 and S11 | US-PGPUB; USPAT | OR | ON | 2005/01/19 12:44 |
| S18 | 4611 | (seven "7") adj (seg segment) near3 display | US-PGPUB; USPAT | OR | ON | 2005/01/19 14:52 |
| S19 | 530653 | sensor | US-PGPUB; USPAT | OR | ON | 2005/01/19 14:52 |

| S20 | 1920 | S19 and S18 | US-PGPUB; USPAT | OR | ON | 2005/01/19 14:53 |
|------|------|------|------|------|------|------|
| S21 | 134099 | television | US-PGPUB; USPAT | OR | ON | 2005/01/19 14:53 |
| S22 | 110 | S20 and S21 | US-PGPUB; USPAT | OR | ON | 2005/01/19 14:54 |
| S23 | 2 | (television tv).ab. and (S19 same S18) | US-PGPUB; USPAT | OR | ON | 2005/01/19 15:37 |
| S24 | 1 | "6567978".pn. | US-PGPUB; USPAT | OR | ON | 2005/01/19 15:48 |
| S25 | 1 | "5305464".pn. | US-PGPUB; USPAT | OR | ON | 2005/01/19 15:57 |
| S26 | 13 | ("3973206" | "4167005" | "4289383" | "4330813" | "4385399" | "4425578" | "4723302" | "4760389" | "4764808" | "4876736" | "5032828" | "5153760" | "5168382").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/19 15:57 |
| S27 | 7 | ("5305464").URPN. | USPAT | OR | ON | 2005/01/19 17:09 |
| S28 | 1304940 | pvr vcr record$3 storage | US-PGPUB; USPAT | OR | ON | 2005/01/19 17:12 |
| S29 | 807060 | channel | US-PGPUB; USPAT | OR | ON | 2005/01/19 17:12 |
| S30 | 248674 | tun$3 | US-PGPUB; USPAT | OR | ON | 2005/01/19 17:12 |
| S31 | 1890296 | correct appropriate specified | US-PGPUB; USPAT | OR | ON | 2005/01/19 17:12 |
| S32 | 8827 | "725"/$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/19 17:12 |
| S33 | 0 | S28 same S29 same S30 same S31 same S32 | US-PGPUB; USPAT | OR | ON | 2005/01/19 17:12 |
| S34 | 375 | (S28 same S29 same S30 same S31) and S32 | US-PGPUB; USPAT | OR | ON | 2005/01/19 17:16 |
| S35 | 11 | (S28 same S29 same S30 same S31).ab. and S32 | US-PGPUB; USPAT | OR | ON | 2005/01/19 17:22 |
| S36 | 24 | (S28 same S29 same S30 same S31).ab. | US-PGPUB; USPAT | OR | ON | 2005/01/19 17:23 |
| S37 | 13 | S36 not S35 | US-PGPUB; USPAT | OR | ON | 2005/01/20 12:56 |
| S38 | 1 | "5305464".pn. | US-PGPUB; USPAT | OR | ON | 2005/01/20 14:39 |
| S39 | 103 | detect$3 near4 channel near4 ((set adj top) STT STB DHCT DET box) | US-PGPUB; USPAT | OR | ON | 2005/01/20 14:40 |
| S40 | 8854 | "725"/$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/20 14:40 |

| S41 | 25 | S39 and S40 | US-PGPUB; USPAT | OR | ON | 2005/01/20 15:35 |
|---|---|---|---|---|---|---|
| S42 | 170452 | accident$5 | US-PGPUB; USPAT | OR | ON | 2005/01/20 15:35 |
| S43 | 249058 | tun$3 | US-PGPUB; USPAT | OR | ON | 2005/01/20 15:36 |
| S44 | 661685 | record$5 | US-PGPUB; USPAT | OR | ON | 2005/01/20 15:35 |
| S45 | 299486 | accident$5 mistak$5 inadvertent$3 uknowing$3 | US-PGPUB; USPAT | OR | ON | 2005/01/20 15:36 |
| S46 | 2488361 | tun$3 chang$3 swith$3 | US-PGPUB; USPAT | OR | ON | 2005/01/20 15:37 |
| S47 | 428 | S44 same (S45 with S46) | US-PGPUB; USPAT | OR | ON | 2005/01/20 15:37 |
| S48 | 10 | S47 and S40 | US-PGPUB; USPAT | OR | ON | 2005/01/20 16:04 |
| S49 | 701039 | monitor$3 | US-PGPUB; USPAT | OR | ON | 2005/01/20 16:05 |
| S50 | 808252 | channel | US-PGPUB; USPAT | OR | ON | 2005/01/20 16:05 |
| S51 | 145 | S45 with S46 with S50 | US-PGPUB; USPAT | OR | ON | 2005/01/20 16:05 |
| S52 | 134310 | television | US-PGPUB; USPAT | OR | ON | 2005/01/20 16:06 |
| S53 | 56 | S51 and S52 | US-PGPUB; USPAT | OR | ON | 2005/01/20 16:07 |
| S54 | 6 | S51 with S49 | US-PGPUB; USPAT | OR | ON | 2005/01/20 16:06 |
| S55 | 1 | S54 and S52 | US-PGPUB; USPAT | OR | ON | 2005/01/20 16:06 |
| S56 | 145 | S45 with S46 with S50 | US-PGPUB; USPAT | OR | ON | 2005/01/20 16:07 |
| S57 | 56 | S56 and S52 | US-PGPUB; USPAT | OR | ON | 2005/01/20 17:01 |
| S58 | 0 | "5329376".apn. | US-PGPUB; USPAT | OR | ON | 2005/01/20 17:01 |
| S59 | 1 | "5329376".pn. | US-PGPUB; USPAT | OR | ON | 2005/01/20 17:10 |
| S60 | 2 | "5329376".pn. "5303063".pn. | US-PGPUB; USPAT | OR | ON | 2005/01/20 17:10 |
| S61 | 268270 | led ("7" seven) adj (seg segment) | US-PGPUB; USPAT | OR | ON | 2005/02/03 10:33 |
| S62 | 1187060 | display screen panel | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:41 |
| S63 | 31612 | S61 near4 S62 | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:41 |

| S64 | 14158 | S61 adj S62 | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:41 |
|---|---|---|---|---|---|---|
| S65 | 1159319 | detect$3 | US-PGPUB; USPAT | OR | ON | 2005/02/03 10:34 |
| S66 | 599 | S64 with S65 | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:43 |
| S67 | 25 | (S66).ab. | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:50 |
| S68 | 1 | "5305464".pn. | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:51 |
| S69 | 13 | ("3973206" \| "4167005" \| "4289383" \| "4330813" \| "4385399" \| "4425578" \| "4723302" \| "4760389" \| "4764808" \| "4876736" \| "5032828" \| "5153760" \| "5168382").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/03 09:51 |
| S70 | 4902 | optical near3 address$3 | US-PGPUB; USPAT | OR | ON | 2005/02/03 10:32 |
| S71 | 0 | S70 with S66 | US-PGPUB; USPAT | OR | ON | 2005/02/03 10:32 |
| S72 | 6 | S61 with S70 | US-PGPUB; USPAT | OR | ON | 2005/02/03 10:32 |
| S73 | 8839 | ("7" seven) adj (seg segment) | US-PGPUB; USPAT | OR | ON | 2005/02/03 10:33 |
| S74 | 1629508 | detect$3 sens$3 | US-PGPUB; USPAT | OR | ON | 2005/02/03 10:34 |
| S75 | 74 | S74 near4 S73 | US-PGPUB; USPAT | OR | ON | 2005/02/03 16:20 |
| S76 | 8839 | ("7" seven) adj (seg segment) | US-PGPUB; USPAT | OR | ON | 2005/02/03 16:12 |
| S77 | 138905 | reader | US-PGPUB; USPAT | OR | ON | 2005/02/03 16:12 |
| S78 | 2 | S76 near3 S77 | US-PGPUB; USPAT | OR | ON | 2005/02/03 16:12 |
| S79 | 1 | "6622097".pn. | US-PGPUB; USPAT | OR | ON | 2005/02/03 16:18 |
| S80 | 1 | "615572".apn. | US-PGPUB; USPAT | OR | ON | 2005/02/03 17:12 |
| S81 | 23 | determin$3 with value with (seven "7") adj (seg segment) with display | US-PGPUB; USPAT | OR | ON | 2005/02/03 16:31 |
| S82 | 3 | ("7" seven) adj (segment) with photodiode | US-PGPUB; USPAT | OR | ON | 2005/02/03 16:33 |
| S83 | 121 | ("7" seven) adj (segment) with sensor | US-PGPUB; USPAT | OR | ON | 2005/02/03 16:34 |
| S84 | 4705 | ("7" seven) adj (segment) near3 (display array) | US-PGPUB; USPAT | OR | ON | 2005/02/03 16:34 |

| S85 | 155799 | (monitor$3 sense sensing sensed detect$3) near4 (light) | US-PGPUB; USPAT | OR | ON | 2005/02/03 16:35 |
|---|---|---|---|---|---|---|
| S86 | 180982 | (monitor$3 sense sensing sensor sensed detect$3) near4 (light) | US-PGPUB; USPAT | OR | ON | 2005/02/03 16:35 |
| S87 | 69 | S86 same S84 | US-PGPUB; USPAT | OR | ON | 2005/02/03 16:35 |
| S88 | 1 | "4804957".pn. | US-PGPUB; USPAT | OR | ON | 2005/02/03 17:16 |
| S89 | 34 | ("7" seven) adj (segment) near5 monitor | US-PGPUB; USPAT | OR | ON | 2005/02/03 17:20 |
| S90 | 42 | 725/12.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/03 17:20 |
| S91 | 682 | 725/9-21.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/03 17:20 |
| S92 | 8839 | ("7" seven) adj (seg segment) | US-PGPUB; USPAT | OR | ON | 2005/02/03 17:21 |
| S93 | 3 | S91 and S92 | US-PGPUB; USPAT | OR | ON | 2005/02/03 17:22 |
| S94 | 8 | S92.ti. | US-PGPUB; USPAT | OR | ON | 2005/02/04 09:35 |
| S95 | 263067 | led | US-PGPUB; USPAT | OR | ON | 2005/02/04 09:35 |
| S96 | 8839 | ("7" seven) adj (seg segment) | US-PGPUB; USPAT | OR | ON | 2005/02/04 10:15 |
| S97 | 689384 | display | US-PGPUB; USPAT | OR | ON | 2005/02/04 09:36 |
| S98 | 51159 | photodiode | US-PGPUB; USPAT | OR | ON | 2005/02/04 09:36 |
| S99 | 8 | S95 same S96 same S98 | US-PGPUB; USPAT | OR | ON | 2005/02/04 10:05 |
| S100 | 11889 | character near3 recognition | US-PGPUB; USPAT | OR | ON | 2005/02/04 10:02 |
| S101 | 96 | S100 and S96 | US-PGPUB; USPAT | OR | ON | 2005/02/04 10:02 |
| S102 | 8 | S100 same S96 | US-PGPUB; USPAT | OR | ON | 2005/02/04 10:02 |
| S103 | 8 | S95 same S96 same (light photo) adj (sens$3) | US-PGPUB; USPAT | OR | ON | 2005/02/04 10:14 |
| S104 | 1312648 | output | US-PGPUB; USPAT | OR | ON | 2005/02/04 10:14 |
| S105 | 705790 | monitor$3 | US-PGPUB; USPAT | OR | ON | 2005/02/04 10:14 |
| S106 | 9 | S105 with S104 with S96 | US-PGPUB; USPAT | OR | ON | 2005/02/04 10:18 |

| S107 | 25774 | (("7" seven) adj (seg segment)) (led adj (display panel screen array)) | US-PGPUB; USPAT | OR | ON | 2005/02/04 10:15 |
|---|---|---|---|---|---|---|
| S108 | 252 | S105 with S104 with S107 | US-PGPUB; USPAT | OR | ON | 2005/02/04 10:19 |
| S109 | 3494037 | @ad<"20010326" @rlad<"20010326" | US-PGPUB; USPAT | OR | ON | 2005/02/04 10:20 |
| S110 | 120 | S108 and S109 | US-PGPUB; USPAT | OR | ON | 2005/02/04 10:40 |
| S111 | 3 | de-2727800-$.did. de-3620584-$.did. | USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 10:41 |
| S112 | 7 | ("6153985").URPN. | USPAT | OR | ON | 2005/02/04 11:32 |
| S113 | 35 | 725/15.ccls. | USPAT | OR | ON | 2005/02/04 11:32 |
| S114 | 42 | 725/15.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/04 11:33 |
| S115 | 8 | 725/15.ccls. and vcr | US-PGPUB; USPAT | OR | ON | 2005/02/04 11:38 |
| S116 | 264 | 725/58.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/04 11:38 |
| S117 | 15870 | vcr | US-PGPUB; USPAT | OR | ON | 2005/02/04 11:38 |
| S118 | 155 | S116 and S117 | US-PGPUB; USPAT | OR | ON | 2005/02/04 11:39 |
| S119 | 0 | desired near3 channel | US-PGPUB; USPAT | OR | ON | 2005/02/04 11:39 |
| S120 | 63773 | detect$3 with channel | US-PGPUB; USPAT | OR | ON | 2005/02/04 13:07 |
| S121 | 21 | S118 and S120 | US-PGPUB; USPAT | OR | ON | 2005/02/04 11:39 |
| S122 | 125998 | detect$3 with frequency | US-PGPUB; USPAT | OR | ON | 2005/02/04 13:07 |
| S123 | 10 | S122 and S118 | US-PGPUB; USPAT | OR | ON | 2005/02/04 13:24 |
| S124 | 8940 | "725"/$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/04 13:24 |
| S125 | 1094 | hilton.in. | US-PGPUB; USPAT | OR | ON | 2005/02/04 13:24 |
| S126 | 0 | S124 and S125 | US-PGPUB; USPAT | OR | ON | 2005/02/04 13:24 |
| S127 | 115 | hylton.in. | US-PGPUB; USPAT | OR | ON | 2005/02/04 13:24 |

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|---|---|---|---|---|---|---|
| S12 8 | 5 | S127 and S124 | US-PGPUB; USPAT | OR | ON | 2005/02/04 13:25 |
| S12 9 | 6 | (US-5168382-$ or US-5495282-$ or US-5650827-$ or US-5812102-$ or US-6266816-$ or US-6567978-$). did. | USPAT | OR | ON | 2005/02/04 14:15 |
| S13 0 | 1 | "5303063".pn. | US-PGPUB; USPAT | OR | ON | 2005/02/04 14:18 |
| S13 1 | 3 | ("4841368" \| "5123046" \| "5151789").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/04 14:18 |
| S13 2 | 15 | ("5303063").URPN. | USPAT | OR | ON | 2005/02/04 15:10 |
| S13 3 | 52710 | (verify$3 check$3 determin$3 monitor$3 detect$3) with (channel frequency) same (record$3 tap$3 stor$3) | USPAT | OR | ON | 2005/02/04 15:16 |
| S13 4 | 70124 | (verify$3 check$3 determin$3 monitor$3 detect$3) with (channel frequency) same (record$3 tap$3 stor$3) | US-PGPUB; USPAT | OR | ON | 2005/02/04 15:12 |
| S13 5 | 119464 | (verify$3 check$3 determin$3 monitor$3 detect$3) with (channel frequency) same (record$3 tap$3 stor$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 15:14 |
| S13 6 | 119464 | ((verify$3 check$3 determin$3 monitor$3 detect$3) with (channel frequency)) same (record$3 tap$3 stor$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 15:14 |
| S13 7 | 119464 | ((verify$3 check$3 determin$3 monitor$3 detect$3) with (channel frequency)) same (record$3 tap$3 stor$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 15:15 |
| S13 8 | 10548 | "725"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 15:15 |
| S13 9 | 1851 | S137 and S138 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 15:16 |

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|---|---|---|---|---|---|---|
| S14 0 | 1348 | S139 and S109 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 15:16 |
| S14 1 | 14341 | (verify$3 check$3 determin$3 monitor$3 detect$3) near4 (channel frequency) with (record$3 tap$3 stor$3) | USPAT | OR | ON | 2005/02/04 15:16 |
| S14 2 | 2122 | (verify$3 check$3 determin$3 monitor$3 detect$3) near4 (channel frequency) with (record$3 tap$3 stor$3) and television | USPAT | OR | ON | 2005/02/04 15:16 |
| S14 3 | 3467 | (verify$3 check$3 determin$3 monitor$3 detect$3) near4 (channel frequency) with (record$3 tap$3 stor$3) and television | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 15:17 |
| S14 4 | 352 | (verify$3 check$3 determin$3 monitor$3 detect$3) near4 (channel frequency) near4 (correct appropriate specified desired selected pre$1determined) with (record$3 tap$3 stor$3) and television | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 15:19 |
| S14 5 | 231 | S144 and S109 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 15:41 |
| S14 6 | 0 | channel with desired with match$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 15:42 |
| S14 7 | 606 | channel with correct with record$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 16:19 |
| S14 8 | 3 | verify with channel with correct with record$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 16:20 |

| S14 9 | 4 | verify$3 with channel with correct with tun$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 16:57 |
|---|---|---|---|---|---|---|
| S15 0 | 270 | 725/58.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 16:57 |
| S15 1 | 5840 | correct near3 channel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 16:57 |
| S15 2 | 24 | S150 and S151 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 17:54 |
| S15 3 | 2 | "5923362".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/05 16:19 |